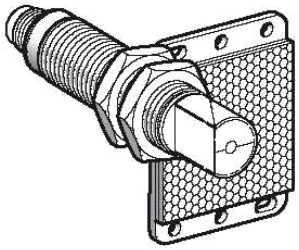
Product datasheet
Characteristics

XU9N18PP341WD
photo-electric sensor - XU9 - polarised - 90° - Sn 2m - 12..24VDC - M12



Main

Range of product	OsiSense XU
Series name	Application food and beverage
Electronic sensor type	Photo-electric sensor
Sensor name	XU9
Sensor design	Cylindrical M18
Detection system	Polarised reflex
Material	Stainless steel
Line of sight type	90° lateral
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12, 4 pins
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	2 m polarised reflex need reflector XUZC50

Complementary

Enclosure material	Stainless steel : 304 CU
Lens material	PMMA
Maximum sensing distance	3 m
Output type	Solid state
Add on output	Without
Add on input	Programmation
Status LED	1 LED (green) for supply on 1 LED (yellow) for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 30 mA (no-load)
Delay first up	<= 15 ms
Delay response	<= 1 ms
Delay recovery	<= 1 ms
Setting-up	Without sensitivity adjustment
Diameter	18 mm
Product weight	0.085 kg
Kit composition	Sensor Reflector XUZC50

Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C

Vibration resistance	25 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will be Compliant on 4Q2012 Will be Compliant on 4Q2012
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available